

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	408	(back adj1 track\$3 or backtrack\$3 or track\$3 or feedback or fed adj1 back or feedback or feed\$3 adj1 back) near3 (previous\$4 near3 decod\$4 or first adj2 decod\$3 or earl\$5 near3 decod\$4 or next near2 decod\$4 or second\$4 near3 decod\$4)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 14:52	
2	BRS	L2	28	1 and (adaptive near2 equaliz\$9 or digital adj2 filter with equaliz\$9 or IIR\$1 with equaliz\$9 or FIR\$1 with equaliz\$9)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 14:53	
3	BRS	L3	0	1 same (adaptive near2 equaliz\$9 or digital adj2 filter with equaliz\$9 or IIR\$1 with equaliz\$9 or FIR\$1 with equaliz\$9)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 14:53	
4	BRS	L4	28	1 and (adaptive near2 equaliz\$9 or digital adj2 filter with equaliz\$9 or IIR\$1 with equaliz\$9 or FIR\$1 with equaliz\$9)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 14:54	

	Error Definition	Err ors
1		
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
5	BRS	L5	448	(back adj1 track\$3 or backtrack\$3 or track\$3 or feedback or fed adj1 back or feedback or feed\$3 adj1 back) near3 (previous\$4 near3 decod\$4 or first adj2 decod\$3 or earl\$5; near3 decod\$4 or next near2 decod\$4 or second\$4 near3 decod\$4 or prior near3 decod\$3)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 14:54	
6	BRS	L7	2	5 same (adaptive near2 equaliz\$9 or digital adj2 filter with equaliz\$9 or IIR\$1 with equaliz\$9 or FIR\$1 with equaliz\$9)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 14:54	
7	BRS	L6	49	5 and (adaptive near2 equaliz\$9 or digital adj2 filter with equaliz\$9 or IIR\$1 with equaliz\$9 or FIR\$1 with equaliz\$9)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:09	
8	BRS	L10	7	"20040156431" or "6665355".pn. or "6804695".pn. or "6088368".pn. or "20010035997" or "20010035994" or "re38456"	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:21	

	Error Definition	Err ors
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
9	BRS	L11	7	(Adaptive near2 equaliz\$9 or adaptive near2 filter\$3 or digital\$4 near2 filter\$3 or IIR\$1 near3 equaliz\$9 or FIR\$1 near3 equaliz\$4 or adaptive near3 IIR\$1 or adaptive near3 FIR\$1) same (previous\$ near3 decod\$3 or prior near3 decod\$3 or iterat\$4 near3 decod\$4 or before near2 decod\$4 or sequen\$4 near2 decod\$4) same (timing near2 recov\$4 or track\$3 near2 recover\$3 or carrier near2 track\$4 or timing near2 acquisition or timing near1 control\$4 or carrier near2 recover\$4 or error near2 recover\$4 or error\$1 near2 track\$4 or feedback near2 recover\$4)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:39	
10	BRS	L12	0	11 and (narrowband\$6 or narrow adj1 band\$6)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:56	
11	BRS	L13	7	11 and (back\$6 or feedback or fedback or iterat\$4)	US-PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:31	

	Error Definition	Err ors
9		
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11		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
12	BRS	L14	761	(Adaptive near2 equaliz\$9 or adaptive near2 filter\$3 or digital\$4 near2 filter\$3 or IIR\$1 near3 equaliz\$9 or FIR\$1 near3 equaliz\$4 or adaptive near3 IIR\$1 or adaptive near3 FIR\$1) and (previous\$ near3 decod\$3 or prior near3 decod\$3 or iterat\$4 near3 decod\$4 or before near2 decod\$4 or sequen\$4 near2 decod\$4)and (timing near2 recov\$4 or track\$3 near2 recover\$3 or carrier near2 track\$4 or timing near2 acquisition or timing near1 control\$4 or carrier near2 recover\$4 or error near2 recover\$4 or error\$1 near2 track\$4 or feedback near2 recover\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:38	
13	BRS	L15	279	(backtrack\$4 or feedback or fed adj1 baack or feed\$3 adj1 back or track\$4) near4 (previous\$ near3 decod\$3 or prior near3 decod\$3 or iterat\$4 near3 decod\$4 or before near2 decod\$4 or sequen\$4 near2 decod\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:39	

	Error Definition	Err ors
12		
13		



	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
14	BRS	L16	47	14 and 15	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:39	
15	BRS	L17	29	16 and (narrowband\$6 or narrow adj1 band\$6)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 15:57	
16	BRS	L18	1	"5363408".pn. and (configur\$8 or reconfigur\$6 or operation\$6 or information\$1)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:09	
17	BRS	L19	0	(control\$4 near2 information\$1 or control\$4 adj2 line) with (reconfigur\$6 or configur\$6 or operat\$6 near2 information\$1 or operat\$6) with (sequen\$6 near2 decod\$4 or feedback near3 decod\$4 or iterat\$6 near3 decod\$3 or backtrack\$4 near decod\$4 or track\$4 near3 decod\$4) with (equaliz\$9 or IIR\$1 or FIR\$1 or digital\$3 near2 filter\$3 or adaptive near3 filter\$3 or FFE or DFE or FE or TEQ)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:26	

	Error Definition	Err ors
14		
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17		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
18	BRS	L20	1	(control\$4 near2 information\$1 or control\$4 adj2 line) same (reconfigur\$6 or configur\$6 or operat\$6 near2 information\$1 or operat\$6) same (sequen\$6 near2 decod\$4 or feedback near3 decod\$4 or iterat\$6 near3 decod\$3 or backtrack\$4 near decod\$4 or track\$4 near3 decod\$4) same (equaliz\$9 or IIR\$1 or FIR\$1 or digital\$3 near2 filter\$3 or adaptive near3 filter\$3 or FFE or DFE or FE or TEQ)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 16:27	
19	BRS	L21	1473	(control\$4 near2 information\$1 or control\$4 adj2 line) and (reconfigur\$6 or configur\$6 or operat\$6 near2 information\$1 or operat\$6) and (sequen\$6 near2 decod\$4 or feedback near3 decod\$4 or iterat\$6 near3 decod\$3 or backtrack\$4 near decod\$4 or track\$4 near3 decod\$4) and (equaliz\$9 or IIR\$1 or FIR\$1 or digital\$3 near2 filter\$3 or adaptive near3 filter\$3 or FFE or DFE or FE or TEQ)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 16:29	

	Error Definition	Err ors
18		
19		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
20	BRS	L22	205	(control\$4 near2 information\$1 or control\$4 adj2 line) same(reconfigur\$6 or configur\$6 or operat\$6 near2 information\$1 or operat\$6) same (sequen\$6 near2 decod\$4 or feedback near3 decod\$4 or iterat\$6 near3 decod\$3 or backtrack\$4 near decod\$4 or track\$4 near3 decod\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 16:29	
21	BRS	L23	14650	(control\$4 near2 information\$1 or control\$4 adj2 line) and (reconfigur\$6 or configur\$6 or operat\$6 near2 information\$1 or operat\$6) same (equaliz\$9 or IIR\$1 or FIR\$1 or digital\$3 near2 filter\$3 or adaptive near3 filter\$3 or FFE or DFE or FE or TEQ)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 16:30	
22	BRS	L24	25601	(control\$4 near2 information\$1 or control\$4 adj2 line) and (reconfigur\$6 or configur\$6 or operat\$6 near2 information\$1 or operat\$6) same (DSP or digital adj2 process\$4 or equaliz\$9 or IIR\$1 or FIR\$1 or digital\$3 near2 filter\$3 or adaptive near3 filter\$3 or FFE or DFE or FE or TEQ)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 16:30	

	Error Definition	Err ors
20		
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22		

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
23	BRS	L25	24	22 and 24	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:34	
24	BRS	L26	260	(control\$3 near3 information or control\$4 near3 line or configur\$4 near4 information\$ or configur\$6 near4 operat\$6) with (DSP or digital adj2 process\$4 or equaliz\$9 or FFE or FE or TEQ or DFE or adaptive near2 filter\$3 or IIR\$1 or FIR\$1) with (decod\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:38	
25	BRS	L27	109	26 and (receiver\$1)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:38	
26	BRS	L28	50	27 and (timing near2 recov\$4 or track\$3 near2 recover\$3 or carrier near2 track\$4 or timing near2 acquisition or timing near1 control\$4 or carrier near2 recover\$4 or error near2 recover\$4 or error\$1 near2 track\$4 or feedback near2 recover\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 17:06	

	Error Definition	Err ors
23		
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26		



	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
27	BRS	L29	91	26 and (timing near2 recov\$4 or track\$3 near2 recover\$3 or carrier near2 track\$4 or timing near2 acquisition or timing near1 control\$4 or carrier near2 recover\$4 or error near2 recover\$4 or error\$1 near2 track\$4 or feedback near2 recover\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:49	
28	BRS	L30	41	29 not 28	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:52	
29	BRS	L31	24	(configur\$3 with operat\$6 near2 information\$1) with (decod\$4 or equaliz\$9)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:58	
30	BRS	L32	90	(configur\$3 with opera\$7 near2 information\$1) with (decod\$4 or equaliz\$9 or DSP or DPU or digital adj2 process\$3 or microprocess\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 17:02	
31	BRS	L33	30	32 and receiver\$1	US- PGPUB ; USPAT ; EPO; JPO	2005/09/23 16:59	

	Error Definition	Err ors
27		
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
32	BRS	L34	50	(configur\$6 near4 opera\$7 near2 information\$1) with (decod\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:06	
33	BRS	L35	72	(configur\$6 near4 opera\$7 near2 information\$1) with (equaliz\$9 or DSP or DPU or digital adj2 process\$3 or microprocess\$4 or IIR\$1 or FIR\$1 or adaptive near2 filter\$1 or FE or FFE or DFE)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:04	
34	BRS	L36	9	34 and 35	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:04	
35	BRS	L38	63	35 not 36	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:06	
36	BRS	L37	41	34 not 36	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:06	

	Error Definition	Err ors
32		
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	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
37	BRS	L40	11	37 and (timing near2 recov\$4 or track\$3 near2 recover\$3 or carrier near2 track\$4 or timing near2 acquisition or timing near1 control\$4 or carrier near2 recover\$4 or error near2 recover\$4 or error\$1 near2 track\$4 or feedback near2 recover\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:07	
38	BRS	L39	23	38 and (timing near2 recov\$4 or track\$3 near2 recover\$3 or carrier near2 track\$4 or timing near2 acquisition or timing near1 control\$4 or carrier near2 recover\$4 or error near2 recover\$4 or error\$1 near2 track\$4 or feedback near2 recover\$4)	US- PGPUB ; USPAT ; EPO; JPO	2005/09/2 3 17:08	

	Error Definition	Err ors
37		
38		